

**Empathize • Organize • Mobilize** 

# Survivor Corps Overview April 2021

# Survivor Corps The Epicenter of Hope

Survivor Corps is the largest grassroots movement in America dedicated to actively ending the COVID pandemic. Our mission is to connect, support and educate those affected by COVID-19. We aim to mobilize as many as possible to support all ongoing scientific, medical and academic research.

Our work is influencing the development of new therapeutics for those with COVID and improved care for those suffering from Long COVID/PASC. As of April 2021, there are over 165,000 members of Survivor Corps.



# Research

Survivor Corps has redefined what it means to be a citizen scientist. By working and collaborating with researchers and clinicians around the world, the organization and its members have participated in groundbreaking and critical research in the fight against COVID-19.

#### Studies Include:

- Indiana University School of Medicine/Survivor Corps Symptom Survey Publications
- Columbia University Dept of Medicine, Division of Digestive and Liver Disease
- Long term COVID studies (CDC Inspire, Stanford autonomic dysfunction, JHU symptoms and recovery, UI/Mayo Brain Health, etc.)
- University of Michigan Institute for Social Research
- Stanford Healthcare Innovative Lab
- Adaptive Biotechnology T-Detect



# Original Research: Survivor Corps/Indiana University School of Medicine

#### **Overview**

Indiana University School of Medicine and Survivor Corps designed and conducted studies with members in the Survivor Corps Facebook group. Recruitment was also done through newsletters and other social media platforms.

#### **Results**

- 2 White papers posted on our website: A Long Hauler Symptom report, An assessment of preventative screening methods based on symptoms reported
- medRxiv preprints: Timing, Duration and Health Impacts of PASC, & Symptom Clusters, and Predictors for Becoming a Long-Hauler
- See: www.survivorcorps.com/reports



# Insights from Survivor Corps Research

- Range of long-term sequelae, their timing, duration, and health impacts in terms of social impact, family impact, and ability to work
- Many PASC sequelae are intermittent, and this quality of sequelae makes it difficult for many survivors to return to work
- Symptoms arise in waves, which suggests neurological and cardiovascular manifestations, followed by microvascular consequences and then possible impact on endocrine function
- This finding can help to guide research on the biological processes underpinning PASC
- Process: SC polls have been essential for generating hypotheses about new sequelae, health impacts, barriers to care, the financial impacts of PASC, and health outcomes related to covid vaccines
- Future: Currently analyzing data to gain insights into effective care, symptom management and outstanding patient needs



## Contributions To Science:

## Adaptive Biotechnologies T-Detect

#### From Bench to Bedside: Contributions to Clinical Research

Survivor Corps contributions to Research: ImmuneRACE



- Clinical study participation
  - Several key members of Survivor Corps participated, and drove patient participation in the prospective ImmuneRACE study
  - Contribution to the largest public database of immune response to the virus (ImmuneCODE)
- Ongoing patient education
  - Two webinars to educate patients on the basics of the immune system and T cells
- Informed development of the first clinical T-cell test to detect past COVID-19 infection (EUA authorized)
  - T cells last longer than antibodies, therefore a T-cell test is an important tool for people who want to know if they had COVID-19 and may help them to understand and address ongoing health issues

"Survivor Corps has been leader in encouraging patient participation in research, enabling direct contributions to scientific breakthroughs during this public health crisis. Because of these contributions, patients around the world are already benefiting from advances made in the diagnosis and treatment of COVID-19."

- Lance Baldo, Chief Medical Officer, Adaptive Biotechnologies

Adaptive biotechnologies"

Source: Adaptive Biotechnologies



## Contributions To Science:

## Adaptive Biotechnologies T-Detect

#### Immune response data informed important research and clinical applications COVID-19 COVID: 1st indication- confirms recent or prior COVID-19 infection In addition to these applications, de-identified data were made freely Clinical available to public health officials, **Diagnostics** academia and industry to help accelerate solutions to the pandemic AstraZeneca T-Cell **B-Cell** OXFORD BILL&MELINDA COVID GATES foundation Life Science Data Drug Research Discovery immunoSEQ T-MAP COVID Neutralizing antibodies Annotate T cells to specific SAR-CoV-2 Identify potent antibodies against SAR-CoV-2 antigens to track vaccine response







# Contributions To Science: Inspire Study

#### **Overview**

Example: CDC Inspire Study



### **Results**

- Survivor Corps conducted question review for study
- Assessed user interface
- Promoted on social media (in English and Spanish)
- Drove recruitment



# Future Studies Long COVID focused studies submitted to the NIH for consideration

#### Overview

Survivor Corps is collaborating with researchers to support the development of new studies focused on understanding Long COVID.

#### **Potential Studies**

- Children with Long COVID
- Multi-state longitudinal studies on PASC
- Localized PASC studies combining surveys,
   bio-specimens, testing, and treatment success
- Focused biological (blood, saliva) collection studies to understand the underlying mechanisms of PASC
- Scanning studies to identify organ health in PASC patients
- Studies targeting treatment potential for specific symptoms (for example: headaches, GI issues, sleep disturbance and fatigue)



The Survivor Corps website (<a href="www.SurvivorCorps.com">www.SurvivorCorps.com</a>) is a central hub for information for those affected by COVID-19, including patients, caretakers and physicians.

The United States <u>Library of Congress</u> selected the Survivor Corps website for inclusion in the nation's historic <u>Coronavirus Web Archive</u>.

# SurvivorCorps.com

#### Website Topic Areas:

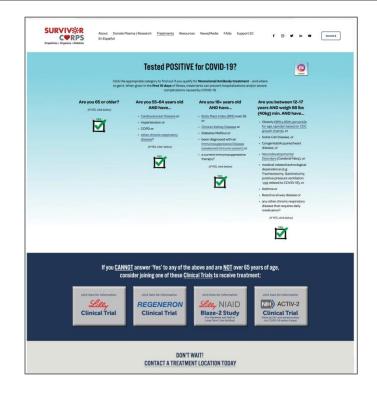
- Research and Clinical Study Opportunities
- Therapeutics
- Educational Resources
- News and Media
  - Post COVID Care Center Guidelines and Locations
- Physician Resources
- Digital Resources for Social Media
- FAQs



# GotCOVID.org

#### Overview

- Portal on the Survivor Corps website dedicated to assisting those who are newly diagnosed with COVID-19 on assessing their potential eligibility for monoclonal antibodies and accessing treatment
- Links to HHS & National Infusion Center resources
- Information on clinical trials for those who do not qualify under the current EUA
- Comprehensive FAQ section
- Medical Facility and Physician Resources
- Content is available in English and Spanish

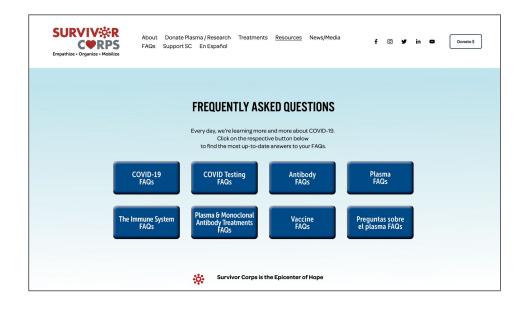




# SurvivorCorps.Com FAQ Section

#### **Overview**

The FAQ section acts as a guide for users to get their questions answered on multiple topics.





# SurvivorCorps.Com Research Opportunity Library

#### **Overview**

Survivor Corps promotes research studies relating to COVID-19. Topics include therapeutics, Long COVID, vaccines, patient narratives and equity in care.

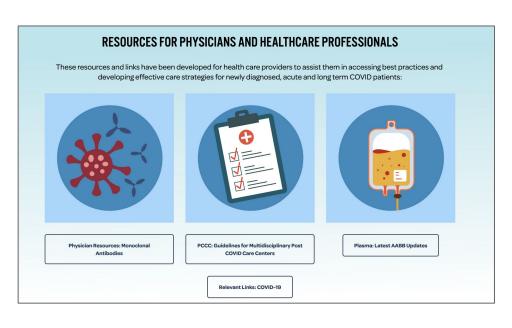




# SurvivorCorps.Com Physicians Resources Page

#### **Overview**

In an effort to fill a communication gap caused by the overwhelming demands on the healthcare industry during the pandemic, Survivor Corps has developed resources for physicians and healthcare facilities.





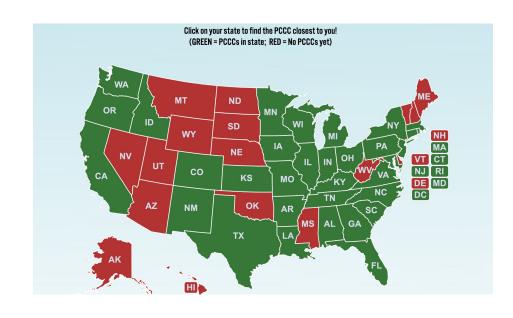
## SurvivorCorps.Com Post COVID Care Centers

#### Overview

The Survivor Corps website offers a comprehensive location map and listings of Post COVID Care Centers, Rehabilitation Facilities and Acute Care Centers around the country.

In addition, suggested guidelines are provided to those facilities seeking to set up healthcare programs for those with Long COVID.

www.survivorcorps.com/pccc





# SurvivorCorps.Com COVID Live Webinars: We Bring The Experts To You

### **Topics Have Included:**

- Long COVID
- Plasma
- Mental Health
- Monoclonal Antibody Treatments
- Symptom Specific Discussions
- Timely Update on COVID
- T-Cells and Immunity
- Vaccines

## **Expert Panelists Have Included:**

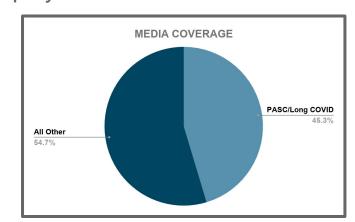
- Dr. Anthony Fauci
- Dr. Andrew von Eschenbach
- Dr. Michael Joyner
- Dr. Kavita Patel
- Dr. Daniel Griffin
- Dr. Vin Gupta
- Dr. Lance Baldo
  - Dr. Emma Guttman
- Dr. David Putrino



# Survivor Corps Media Reach

In the 13 months since its founding, Survivor Corps has been featured in over 4,000 media pieces with a reach of over 13.6 Billion.

Coverage on PASC/Long COVID makes up over 45% of coverage. "All other" coverage includes vaccines, therapeutics, personal testimony and equity.





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